Usage Guide

Altec Lansing Computer Speaker System

IMPORTANT
If you experience any difficulties with your computer speaker system, please call us. It may be a simple problem that we can help you solve right over the phone. Call our customer service number for assistance before returning the speakers.
Thank You.
1-800-ALTEC-88

GCS100

ALTEC LANSING®

1-800-ALTEC-88

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IMPORTANT

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Risque de choc electrique — Ne pas ouvrir

CAUTION: TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

SAFETY INSTRUCTIONS

Read Instructions — All the safety and operating instructions should be read before the appliance is operated.

Retain Instructions — The operating instructions should be retained for future reference.

Heed Warning — All warnings on the appliance and in the operating instructions should be adhered to.

Follow Instructions — All operating and use instructions should be followed.

Water and Moisture — The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

Outdoor Use — Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Location — The appliance should be installed in a stable location.

Ventilation — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a closed bookcase or cabinet that may impede the flow of air through the ventilation openings.

Heat — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

Power Sources — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

Power-Cord Protection — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

Grounding or Polarization — The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.

Cleaning — The appliance should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzine, insecticides or other volatile liquids since they may corrode the cabinet.

Non-Use Periods — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

Object and Liquid Entry — Care should be taken so that objects do *not* fall and liquids are not spilled into the enclosure through openings.

Damage Requiring Service — The appliance should be serviced by qualified service personnel when:

- The power-supply cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled into the appliance.
- The appliance has been exposed to rain.
- The appliance does not appear to operate normally or exhibits a marked change in performance.
- The appliance has been dropped or the enclosure damaged.

Servicing — The user should not attempt to service the appliance. Servicing should be referred to qualified service personnel or returned to the dealer or call the Altec Lansing service line for assistance.

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, **DO NOT** EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Three Year Limited Warranty

Altec Lansing Technologies, Inc. warrants to the end user that all of its computer speaker systems are free from defects in material and workmanship in the course of normal and reasonable use for a term of three years from the date of purchase.

This warranty is the exclusive and only warranty in effect relative to Altec Lansing computer speaker systems and any other warranties, either expressed or implied, are invalid. Neither Altec Lansing Technologies, Inc. nor any authorized Altec Lansing Technologies, Inc. reseller is responsible for any incidental damages incurred in the use of the speakers. (This limitation of incidental or consequential damage is not applicable where prohibited.)

Altec Lansing Technologies, Inc. obligation under this warranty does not apply to any defect, malfunction or failure as a result of misuse, abuse, improper installation, use with faulty or improper equipment or the use of the computer speaker systems with any equipment for which they were not intended.

The terms of this warranty apply only to computer speaker systems when such speakers are returned to the respective authorized Altec Lansing Technologies, Inc. reseller where they were purchased.

Under the terms of this warranty the original consumer purchaser has certain legal rights and may have other rights which vary worldwide.

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1-800-ALTEC-88

1-717-296-4434 (From outside the United States)

Introduction

Welcome to the extraordinary world of Altec Lansing Multimedia high fidelity sound.

The patented Altec Lansing Multimedia Computer Speaker Systems are designed like no other speaker system in the world. You can plug these computer speaker systems into a PC audio card and vastly enhance any business presentation, training, education or advertising, music or video production with the same level of digital audio quality you are used to hearing from a music CD. These speaker systems can also be used with any multimedia home computer, CD player or video interactive game to provide a total intelligent audio solution which is practical and affordable.

Description

The GCS100 is an amplified speaker system designed especially for Multimedia Computer near field monitoring.

A unique feature of the amplifier is a patented dynamic control circuit that automatically boosts bass at low volume to maintain musical "realism" and a second bass boost circuit that enhances bass response at all times.

The speaker enclosures are ported for maximum low frequency response and are magnetically shielded to prevent color distortion on video displays.

GCS100 Connections (see Figure 1)

Figure 1 shows the connections that must be made to make the GCS100 operative. Plug the DC power adapter in the wall outlet after all other connections are made.

Insert the white speaker plug into the output jack marked SPKR OUT.

Plug the green stereo audio cable into INPUT on the satellite and to the sound card audio output on the rear of the computer which is also green.

You are now ready to enjoy your new speakers. Turn on the power by rotating the Volume Control clockwise to a comfortable listening level. Further details on the controls can be found in the next section.

A headphone jack is provided for private listening. When a headphone is inserted into the headphone jack the speakers are disconnected. The headphone jack is located on the right side of the right hand satellite.

Use of Controls

- **Volume Control/Power Switch.** Rotate the control clockwise to turn power on and raise volume for both speakers. An indicator will glow to show power is on.
- **Treble Control.** Rotating the control clockwise increases treble (High Frequency) response by 7dB. Rotating the control counterclockwise reduces treble response by 7dB.

Troubleshooting

When first installing a new system some simple instructions may be overlooked which can cause the unit to be inoperative. Please make the following checks:

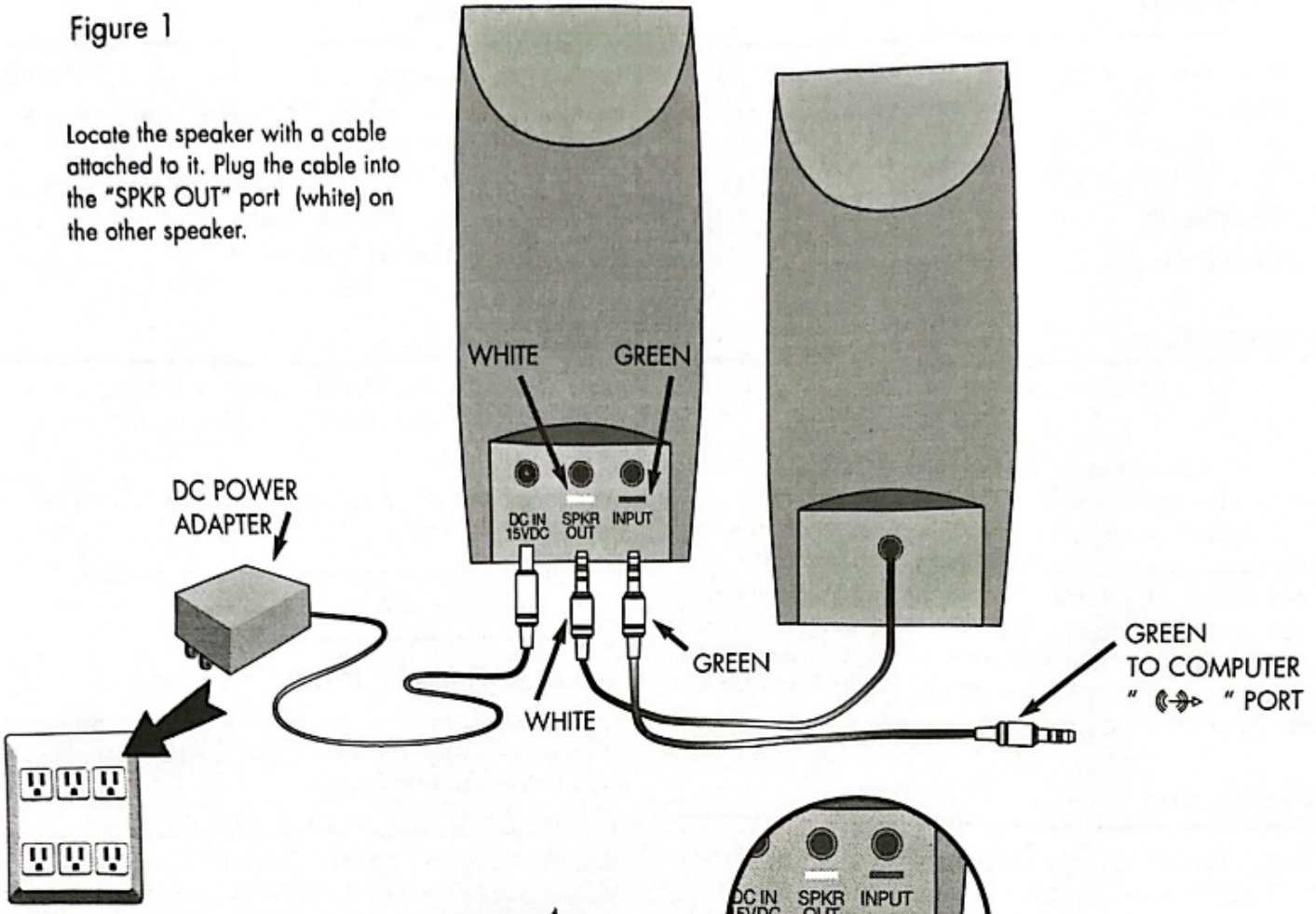
- Make sure all connecting plugs between the satellite speakers and computer are fully seated.
- Make sure the wall power outlet or power strip has power. The outlet can be checked with a lamp or some other appliance. If the power strip has a switch make sure it is turned on.
- Make sure the power switch on the satellite is turned on.
- It is possible to test the unit by pulling out the audio cable that is connected to the computer and connecting it to an alternate audio source such as a portable CD player.
- When the unit is operative, vibrations from the speaker sound can cause other loose objects to vibrate. These extraneous vibrations may lead to the erroneous conclusion that the speakers are defective. In most instances, removing the vibrating object cures the problem.
- Double check to make sure that the speaker cable is connected to the " " (out port), NOT the microphone port, of the sound card.

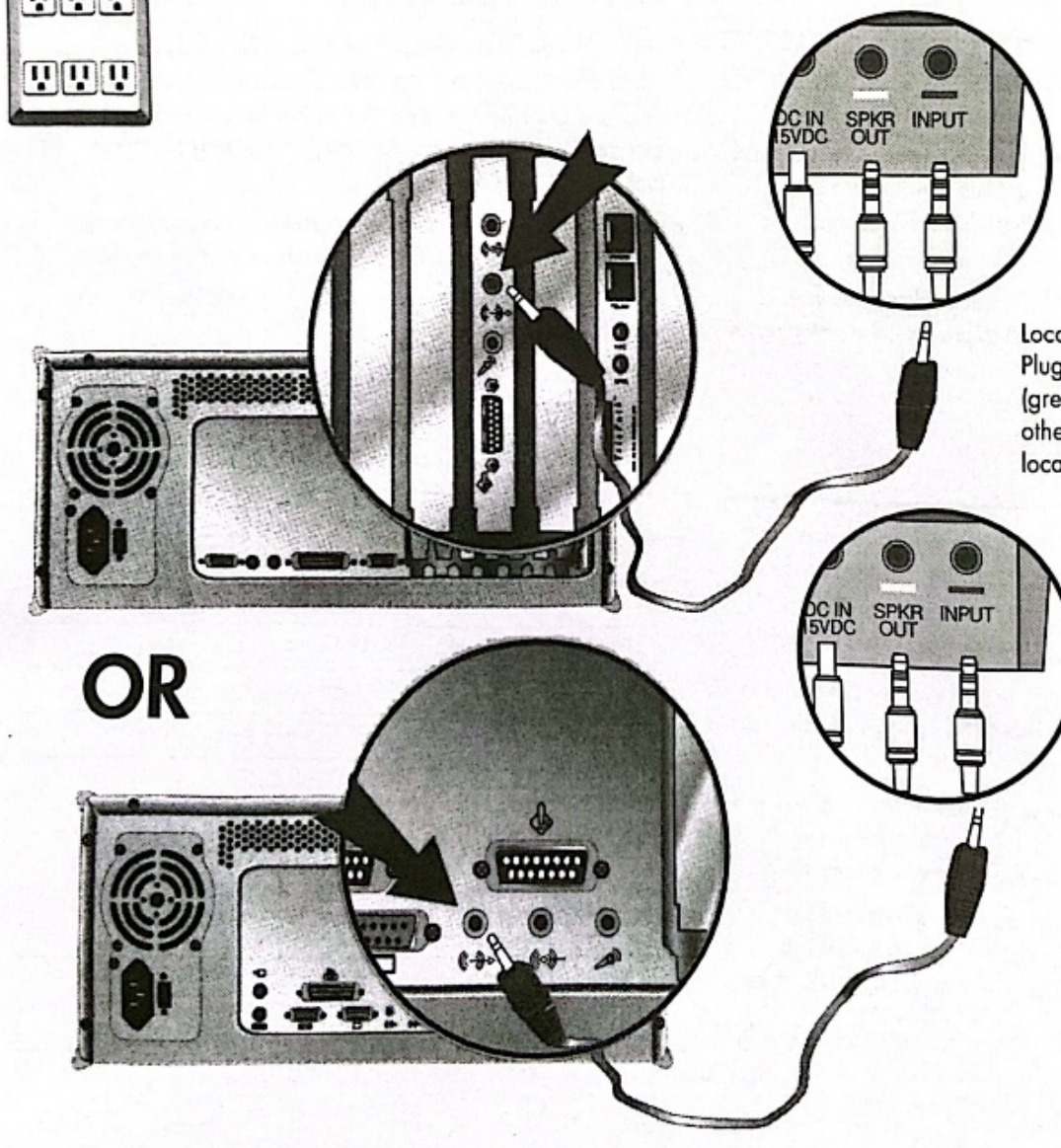
Specifications

	GCS100
DRIVER	One 3-inch full range
FREQUENCY RESPONSE	90Hz – 20kHz
SENSITIVITY	100mV (1kHz/1M) For 88dB SPL
AUDIO POWER	4 Watts per channel RMS
TREBLE	± 7dB at 7kHz
INPUT IMPEDANCE	>10k Ohms
HEADPHONE IMPEDANCE	32 Ohms
HEADPHONE JACK	1/8" (3.5mm) stereo
POWER REQUIREMENTS	+15VDC @ 800mA (from supplied adapter)
	ADAPTERS
USA/CANADA MODEL	120 VAC/60Hz
EUROPEAN MODEL	230VAC/50Hz
UNITED KINGDOM MODEL	240VAC/50Hz
JAPANESE MODEL	100VAC/50-60HZ

Figure 1

Locate the speaker with a cable attached to it. Plug the cable into the "SPKR OUT" port (white) on the other speaker.





Locate the green speaker cable. Plug one end into the "INPUT" port (green) on the speaker. Plug the other end into the " " port located on the back of the system.

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